

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/998,660A
Source: IFW/6
Date Processed by STIC: 5/13/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 05/13/2005

PATENT APPLICATION: US/09/998,660A

TIME: 11:19:46

Input Set : A:\C7535(V)US.ST25.txt

Output Set: N:\CRF4\05132005\I998660A.raw

```

3 <110> APPLICANT: Davis, Paul J
4   Parry, Neil J
6 <120> TITLE OF INVENTION: Detergent Compositions Comprising Benefit Agents
8 <130> FILE REFERENCE: D/N Y2-0080-A-UNI
10 <140> CURRENT APPLICATION NUMBER: US 09/998,660A
11 <141> CURRENT FILING DATE: 2001-11-29
13 <150> PRIOR APPLICATION NUMBER: EP99310428
14 <151> PRIOR FILING DATE: 1999-12-22
16 <160> NUMBER OF SEQ ID NOS: 2
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 558
22 <212> TYPE: DNA
23 <213> ORGANISM: Trichoderma reesei
26 <220> FEATURE:
27 <221> NAME/KEY: CDS
28 <222> LOCATION: (3)..(551)
30 <400> SEQUENCE: 1
31 tc gag aaa aga cag gtg cag ctg cag gag tca ggg gga gga ttg gtg      47
32   Glu Lys Arg Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val
33     1           5           10           15
35 cag gct ggg ggc tct ctg aga ctc tcc tgt gca gcc tcg gga cgc gcc      95
36 Gln Ala Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ala
37           20           25           30
39 acc agt ggt cat ggt cac tat ggt atg ggc tgg ttc cgc cag gtt cca      143
40 Thr Ser Gly His Gly His Tyr Gly Met Gly Trp Phe Arg Gln Val Pro
41           35           40           45
43 ggg aag gag cgt gag ttt gtc gca gct att agg tgg agt ggt aaa gag      191
44 Gly Lys Glu Arg Glu Phe Val Ala Ala Ile Arg Trp Ser Gly Lys Glu
45           50           55           60
47 aca tgg tat aaa gac tcc gtg aag ggc cga ttc acc atc tcc aga gat      239
48 Thr Trp Tyr Lys Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp
49           65           70           75
51 aac gcc aag act acg gtt tat ctg caa atg aac agc ctg aaa cct gaa      287
52 Asn Ala Lys Thr Thr Val Tyr Leu Gln Met Asn Ser Leu Lys Pro Glu
53 80           85           90           95
55 gat acg gcc gtt tat tat tgt gcc gct cga ccg gtc cgc gtg gat gat      335
56 Asp Thr Ala Val Tyr Cys Ala Ala Arg Pro Val Arg Val Asp Asp
57           100          105          110
59 att tcc ctg ccg gtt ggg ttt gac tac tgg ggc cag ggg acc cag gtc      383
60 Ile Ser Leu Pro Val Gly Phe Asp Tyr Trp Gly Gln Gly Thr Gln Val
61           115          120          125
63 acc gtc tcc tca gga tct cat cac cat cac cat cac gga tcc acc tcc      431

```

RAW SEQUENCE LISTING

DATE: 05/13/2005

PATENT APPLICATION: US/09/998,660A

TIME: 11:19:46

Input Set : A:\C7535(V)US.ST25.txt

Output Set: N:\CRF4\05132005\I998660A.raw

```

64 Thr Val Ser Ser Gly Ser His His His His His His Gly Ser Thr Ser
65          130          135          140
67 att gaa ggt cgt acc cag tct cac tac ggt cag tgt ggt ggt att ggt      479
68 Ile Glu Gly Arg Thr Gln Ser His Tyr Gly Gln Cys Gly Gly Ile Gly
69          145          150          155
71 tac tcc ggt cca acc gtc tgt gcc tct ggt acc acc tgt cag gtt ctg      527
72 Tyr Ser Gly Pro Thr Val Cys Ala Ser Gly Thr Thr Cys Gln Val Leu
73 160          165          170          175
75 aac cct tac tac tcc cag tgt ctg taataag      558
76 Asn Pro Tyr Tyr Ser Gln Cys Leu
77          180
80 <210> SEQ ID NO: 2
81 <211> LENGTH: 183
82 <212> TYPE: PRT
83 <213> ORGANISM: Trichoderma reesei
85 <400> SEQUENCE: 2
87 Glu Lys Arg Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln
88 1          5          10          15
91 Ala Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ala Thr
92          20          25          30
95 Ser Gly His Gly His Tyr Gly Met Gly Trp Phe Arg Gln Val Pro Gly
96          35          40          45
99 Lys Glu Arg Glu Phe Val Ala Ala Ile Arg Trp Ser Gly Lys Glu Thr
100          50          55          60
103 Trp Tyr Lys Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn
104 65          70          75          80
107 Ala Lys Thr Thr Val Tyr Leu Gln Met Asn Ser Leu Lys Pro Glu Asp
108          85          90          95
111 Thr Ala Val Tyr Tyr Cys Ala Ala Arg Pro Val Arg Val Asp Asp Ile
112          100          105          110
115 Ser Leu Pro Val Gly Phe Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr
116          115          120          125
119 Val Ser Ser Gly Ser His His His His His His Gly Ser Thr Ser Ile
120          130          135          140
123 Glu Gly Arg Thr Gln Ser His Tyr Gly Gln Cys Gly Gly Ile Gly Tyr
124 145          150          155          160
127 Ser Gly Pro Thr Val Cys Ala Ser Gly Thr Thr Cys Gln Val Leu Asn
128          165          170          175
131 Pro Tyr Tyr Ser Gln Cys Leu
132          180

```

VERIFICATION SUMMARY

DATE: 05/13/2005

PATENT APPLICATION: US/09/998,660A

TIME: 11:19:47

Input Set : A:\C7535(V)US.ST25.txt

Output Set: N:\CRF4\05132005\I998660A.raw